

Title (en)
Closure for a liquid container

Title (de)
Verschluss für einen Flüssigkeitsbehälter

Title (fr)
Fermeture pour récipient de liquide

Publication
EP 2266883 A1 20101229 (EN)

Application
EP 10165369 A 20100609

Priority
IT MI20091112 A 20090623

Abstract (en)
A closure (10) for a liquid container, comprising a dispenser element (12) with an external thread (14) and an annular base (16) to be fixed to the wall of the container at its outlet hole. The element (12) has a breakable circular wall (18) and a cap (22), provided, along its inner side surface, with a first female screw thread (26) coupled with the external thread (14) formed on the outer side surface of the cylindrical dispenser element (12). Inside the cap (22) there is a second inner female screw thread (28) having a smaller diameter and opposite screwing direction with respect to the diameter and the screwing direction of the first female screw thread (26). The screw thread (28) engages with a screw thread (30) formed integral with the breakable circular wall (18) to lift the cap (22) and to screw the screw thread (30) inside the screw thread (28) in order to detach the wall (18).

IPC 8 full level
B65D 5/74 (2006.01)

CPC (source: EP)
B65D 5/747 (2013.01); **B65D 2401/15** (2020.05)

Citation (search report)
• [Y] EP 2020385 A1 20090204 - TOKAN KOGYO CO LTD [JP]
• [Y] US 2001015355 A1 20010823 - ADAMS BRIAN M [US], et al
• [A] WO 9942375 A1 19990826 - ELOPAK AS [NO], et al
• [A] FR 2770832 A1 19990514 - LORRAINE CAPSULES METALL [FR]

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CN113853343A; US9963263B2; US10086980B2; CH704595A1; JP2015113122A; EP2949596A4; JPWO2014115856A1; WO2014115857A1; WO2012080766A1; JP2020189641A; CN104936865A; JPWO2014115857A1; JP2017210297A; WO2014115856A1; WO2018229040A1

Designated contracting state (EPC)
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BA ME RS

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